UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NEW AMSTERDAM QUADRANGLE
KENTUCKY–INDIANA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 ALTON 15' QUADRANGLE

Mapped by the Geological Survey and the Army Map Service
Edited and published by the Geological Survey in cooperation
with Indiana Department of Natural Resources
Revised in cooperation with Indiana Department of Natural Resources

Control by USGS, USC&GS, and USCE

Topography in Kentucky by photogrammetric methods from aerial photographs taken 1947. Field checked 1950. Topography in Indiana by planetable surveys 1945. Revised from aerial photographs taken 1969
Field checked 1970

Polyconic projection. 1927 North American datum
10,000-foot grids based on Kentucky coordinate system, south zone, and Indiana coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

The state boundary as shown represents the approximate position of the low water line as determined from U. S. Corps of Engineers Ohio River charts, surveyed 1912, and supplementary information

SCALE 1:24000

CONTOUR INTERVAL IN KENTUCKY 20 FEET
DASHED LINES REPRESENT 10-FOOT CONTOURS
CONTOUR INTERVAL IN INDIANA 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KENTUCKY 40506.
KENTUCKY DEPARTMENT OF COMMERCE, FRANKFORT, KENTUCKY 40601.
AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

To place on the predicted North American Datum 1983, move the projection lines 3 meters south and 1 meter west as shown by dashed corner ticks

Map photoinspected 1978
No major culture or drainage changes observed

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light duty road, hard or improved surface
Unimproved road
Interstate Route U. S. Route State Route

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SE/4 ALTON 15' QUADRANGLE
38086-A3-TF-024

1970
PHOTOINSPECTED 1978
DMA 3760 III SE–SERIES V855